

DATE 0021Z 16 FEB 65

S E C R E T

D Tech DD/587
11

25X1A

TO : DIRECTOR

25X1A

FROM : [REDACTED]

ACTION:

INFO :

TOR 0055Z 16 FEB 65

DFA
MD
CD
OXC
PO

ROUTINE

IN 72054

25X1A

25X1A

OSA 7-15 11

TO PRIORITY [REDACTED]

INFO [REDACTED]

CITE [REDACTED]

8274

DXCART

PRELIMINARY Q BAY PACKAGE TEST REPORT

I. GENERAL.

1. TYPE I.
2. TEST NO. ATF-97F.
3. TEST DATE 12 FEB 65.
4. ARTICLE NO. 126.
5. TIME: T.O.: 1600Z. LAND: 2220Z.
6. PACKAGE OPERATE TIME: 64 MINUTES TOTAL BETWEEN 1857Z AND 2206Z.

7. TEST CONDITIONS

- A. PRESS ALT: 72M.
- B. MACH NO: 2.42.
- C. I. N. S. STATUS: OPERATIVE.
- D. WEATHER: CLEAR AND CALM.

8. TEST OBJECTIVES:

- A. TEST OF ABILITY OF SYSTEM TO MAINTAIN PHASING

S E C R E T

GROUP 1
EXCLUDED FROM AUTOMATIC
DOWNGRADING
AND DECLASSIFICATION

25X1A

0274 (IN 72054)

S E C R E T

PAGE TWO

THROUGHOUT VEHICLE MOTION, AFTER MODIFICATION INVOLVING DRIVE OF REPEATER FROM FORWARD SCANNER TACHOMETER.

B. TEST OF STABILITY OF ANTI BACKWARD CIRCUIT FOLLOWING INSTALLATION OF LC FILTER AT INPUT TO DATA FLASH POWER SUPPLY TO PREVENT SPURIOUS TRIGGERING OF ANTI BACKWARD FLIP-FLOP.

9. TEST RESULTS: THE F TEST RESULTS INDICATE THAT THE OBJECTIVE OF 95 PERCENT GOOD MATERIAL HAS BEEN MET. THE TEST RESULTS INDICATE THAT THE ANTI BACKWARD CIRCUIT MUST HAVE THE RELATIVE POSITION OF THE HEADS CHANGED SO THAT A CAGE CONDITION WILL NOT MECHANICALLY ACTIVATE IT. IN THE TWO CASES WHERE THE ANTI BACKWARD CIRCUIT WAS ACTIVATED THE RECOVERY OF PHASING WAS MADE WITHIN A REASONABLE TIME, AFTER THE CESSATION OF THE ANTI BACKWARD. THIS TIME CAN BE REDUCED BY A FACTOR OF TWO.

INITIAL EVALUATION SHOWS RESOLUTION IN EXCESS OF 150 LINES PER MILLIMETER.

10. COMMENTS: THE REMAINING MINOR AREAS THAT MUST BE BROUGHT UP TO PAR PRIOR TO A GREEN RATING INCLUDE, CLEANING SLITS, AND FINDING LIGHT LEAKS, STABILIZATION BALANCE, REPAIR OF THE AFT. I.M.C., STATIC POSITIONING OF THE CLOCKS, MECHANICAL POSITIONING OF THE DATA CHAMBER.

END OF MESSAGE

S E C R E T